

## Author index

### Volume 31 (1996)

- Adkins-Marshall, B.A., see Connolly, C.C. 31, 45  
 Akiyama, T., I. Tachibana, H. Shirohara, N. Watanabe, M. Otsuki, High-fat hypercaloric diet induces obesity, glucose intolerance and hyperlipidemia in normal adult male Wistar rat 31, 27  
 Anami, Y., see Takeda, H. 31, 1  
 Aoki, A., see Kado, S. 31, 103  
 Chaturvedi, N., see Webb, D.J. 31, 93  
 Cherrington, A.D., see Connolly, C.C. 31, 45  
 Chrzan, J.S., see Donaghue, V.M. 31, 109  
 Chung, Y.S., see Lee, H.C. 31, 9  
 Connolly, C.C., R.E. Ivy, B.A. Adkins-Marshall, R.L. Dobbins, D.W. Neal, P.E. Williams, A.D. Cherrington, Counterregulation by epinephrine and glucagon during insulin-induced hypoglycemia in the conscious dog 31, 45  
 De Seta, M., see Persico, M. 31, 87  
 Dobbins, R.L., see Connolly, C.C. 31, 45  
 Donaghue, V.M., M.R. Sarnow, J.M. Giurini, J.S. Chrzan, G.M. Habershaw, A. Veves, Longitudinal in-shoe foot pressure relief achieved by specially designed footwear in high risk diabetic patients 31, 109  
 Fugisana, T., see Lee, H.C. 31, 9  
 Fuller, J.H., see Webb, D.J. 31, 93  
 Fu, Q., M. Honda, H. Ohgawara, N. Igarashi, C. Toyada, Y. Omori, M. Kobayashi, Morphological analysis of pancreatic endocrine cells in newborn animals delivered by experimental diabetic rats 31, 57  
 Fushimi, H., see Inoue, T. 31, 81  
 Gentile, S., see Persico, M. 31, 87  
 Giurini, J.M., see Donaghue, V.M. 31, 109  
 Gomis, R., see Vidal, J. 31, 17  
 Habershaw, G.M., see Donaghue, V.M. 31, 109  
 Higashi, T., see Takeda, H. 31, 1  
 Honda, M., see Fu, Q. 31, 57  
 Hotta, N., see Kato, H. 31, 115  
 Huh, K.B., see Lee, H.C. 31, 9  
 Igarashi, N., see Fu, Q. 31, 57  
 Ikegami, H., see Lee, H.C. 31, 9  
 Inoue, T., H. Fushimi, Y. Yamada, F. Udaka, M. Kameyama, Asymptomatic multiple lacunae in diabetics and non-diabetics detected by brain magnetic resonance imaging 31, 81  
 Ivy, R.E., see Connolly, C.C. 31, 45  
 Kado, S., A. Aoki, S. Wada, Y. Katayama, N. Kugai, N. Yoshizawa, N. Nagata, Urinary type IV collagen as a marker for early diabetic nephropathy 31, 103  
 Kameyama, M., see Inoue, T. 31, 81  
 Kasho, M., see Takeda, H. 31, 1  
 Katayama, K., see Oka, H. 31, 63  
 Katayama, S., see Senda, T. 31, 37  
 Katayama, Y., see Kado, S. 31, 103  
 Kato, H., T. Takada, T. Kawamura, N. Hotta, S. Torii, The reduction and redistribution of plantar pressures using foot orthoses in diabetic patients 31, 115  
 Kawamura, T., see Kato, H. 31, 115  
 Kim, D.H., see Lee, H.C. 31, 9  
 Kim, K.R., see Lee, H.C. 31, 9  
 Kim, Y.S., see Lee, H.C. 31, 9  
 Kobayashi, M., see Fu, Q. 31, 57  
 Kobori, S., see Takeda, H. 31, 1  
 Kosaka, K., see Yoshinaga, H. 31, 71  
 Kugai, N., see Kado, S. 31, 103  
 Lavery, L.A., see van Houtum, W.H. 31, 125  
 Lee, D.S., see Lee, H.C. 31, 9  
 Lee, E.J., see Lee, H.C. 31, 9  
 Lee, H.C., H. Ikegami, T. Fugisana, T. Ogihaara, S.W. Park, Y.S. Chung, J.O. Park, E.J. Lee, S.K. Lim, Lim, S.K., see Lee, H.C. 31, 9  
 Malaisse, W.J., see Vidal, J. 31, 17  
 Mochio, S., see Oka, H. 31, 63  
 Mohan, V., R. Vijayaprabha, M. Rema, Vascular complications in long-term South Indian NIDDM of over 25 years' duration 31, 133

- Montella, F., see Persico, M. 31, 87
- Nagata, N., see Kado, S. 31, 103
- Nawata, H., see Noda, K. 31, 119
- Neal, D.W., see Connolly, C.C. 31, 45
- Negishi, K., see Senda, T. 31, 37
- Newman, D.J., see Webb, D.J. 31, 93
- Nishikawa, T., see Takeda, H. 31, 1
- Noda, K., F. Umeda, H. Nawata, Effect of beraprost sodium on response to tests of autonomic control of heart rate in patients with diabetes mellitus 31, 119
- Ogihara, T., see Lee, H.C. 31, 9
- Ohgawara, H., see Fu, Q. 31, 57
- Oka, H., S. Mochio, K. Sato, H. Sato, K. Katayama, Prolongation of QT<sub>c</sub> interval and autonomic nervous dysfunction in diabetic patients 31, 63
- Omori, Y., see Fu, Q. 31, 57
- Otsuki, M., see Akiyama, T. 31, 27
- Park, J.O., see Lee, H.C. 31, 9
- Park, S.W., see Lee, H.C. 31, 9
- Persico, M., R. Suozzo, M. De Seta, F. Montella, R. Torella, S. Gentile, Non-ulcer dyspepsia and Helicobacter Pylori in type 2 diabetic patients: association with autonomic neuropathy 31, 87
- Rasschaert, J., see Vidal, J. 31, 17
- Rema, M., see Mohan, V. 31, 133
- Sarnow, M.R., see Donaghue, V.M. 31, 109
- Sato, H., see Oka, H. 31, 63
- Sato, K., see Oka, H. 31, 63
- Sato, Y., see Takeda, H. 31, 1
- Senda, T., N. Serizawa, K. Negishi, S. Katayama, Elevated erythrocyte sodium-lithium counter-transport in hypertensive patients with non-insulin-dependent diabetes mellitus 31, 37
- Sener, A., see Vidal, J. 31, 17
- Serizawa, N., see Senda, T. 31, 37
- Shichiri, M., see Takeda, H. 31, 1
- Shirohara, H., see Akiyama, T. 31, 27
- Suozzo, R., see Persico, M. 31, 87
- Tachibana, I., see Akiyama, T. 31, 27
- Takada, T., see Kato, H. 31, 115
- Takeda, H., T. Higashi, T. Nishikawa, Y. Sato, Y. Anami, T. Yano, M. Kasho, S. Kobori, M. Shichiri, Release of fructose and hexose phosphates from perivascular cells induced by low density lipoprotein and acceleration of protein glycation in vitro 31, 1
- Torella, R., see Persico, M. 31, 87
- Torii, S., see Kato, H. 31, 115
- Toyada, C., see Fu, Q. 31, 57
- Udaka, F., see Inoue, T. 31, 81
- Umeda, F., see Noda, K. 31, 119
- van Houtum, W.H., L.A. Lavery, Regional variation in the incidence of diabetes-related amputations in the Netherlands 31, 125
- Veves, A., see Donaghue, V.M. 31, 109
- Vidal, J., J. Rasschaert, A. Sener, R. Gomis, W.J. Malaisse, FAD-glycerophosphate dehydrogenase activity in lymphocytes of type-2 diabetic patients and their relatives 31, 17
- Vijayaprabha, R., see Mohan, V. 31, 133
- Wada, S., see Kado, S. 31, 103
- Watanabe, N., see Akiyama, T. 31, 27
- Webb, D.J., D.J. Newman, N. Chaturvedi, J.H. Fuller, The use of the Micral-Test strip to identify the presence of microalbuminuria in people with insulin dependent diabetes mellitus (IDDM) participating in the EUCLID study 31, 93
- Williams, P.E., see Connolly, C.C. 31, 45
- Yamada, Y., see Inoue, T. 31, 81
- Yano, T., see Takeda, H. 31, 1
- Yoshinaga, H., K. Kosaka, High glycosylated hemoglobin levels increase the risk of progression to diabetes mellitus in subjects with glucose intolerance 31, 71
- Yoshizawa, N., see Kado, S. 31, 103

## Subject index

### Volume 31 (1996)

**Amputation;** Diabetes mellitus; Foot; Epidemiology; The Netherlands **31, 125**

**Asymptomatic infarction;** Non-insulin-dependent diabetes mellitus; Brain magnetic resonance imaging **31, 81**

**At risk foot;** Footwear; Foot pressure **31, 109**

**Autonomic nerve function;** Beraprost sodium; Factor analysis; Diabetes mellitus **31, 119**

**Autonomic neuropathy;** QT<sub>c</sub> interval; R-R interval; Diabetes mellitus; Peripheral neuropathy **31, 63**

**Beraprost sodium;** Autonomic nerve function; Factor analysis; Diabetes mellitus **31, 119**

**Brain magnetic resonance imaging;** Non-insulin-dependent diabetes mellitus; Asymptomatic infarction **31, 81**

**Contact area;** Diabetic foot; Foot orthosis; Peak pressure; Plantar ulcers **31, 115**

**Diabetes mellitus;** Beraprost sodium; Autonomic nerve function; Factor analysis **31, 119**

**Diabetes mellitus;** Foot; Epidemiology; The Netherlands; Amputation **31, 125**

**Diabetes mellitus;** Helicobacter pylori; Dyspepsia **31, 87**

**Diabetes mellitus;** QT<sub>c</sub> interval; R-R interval; Peripheral neuropathy; Autonomic neuropathy **31, 63**

**Diabetes mellitus;** Sodium-lithium countertransport; Essential hypertension **31, 37**

**Diabetic foot;** Foot orthosis; Peak pressure; Contact area; Plantar ulcers **31, 115**

**Diabetic nephropathy;** Non-insulin-dependent diabetes mellitus; Type IV collagen **31, 103**

**Dyspepsia;** Helicobacter pylori; Diabetes mellitus **31, 87**

**Epidemiology;** Diabetes mellitus; Foot; The Netherlands; Amputation **31, 125**

**Epinephrine;** Hypoglycemia; Glucose metabolism; Glucagon **31, 45**

**Essential hypertension;** Sodium-lithium countertransport; Diabetes mellitus **31, 37**

**Factor analysis;** Beraprost sodium; Autonomic nerve function; Diabetes mellitus **31, 119**

**Follow-up study;** HbA<sub>1c</sub>; Glucose intolerance; Incidence **31, 71**

**Foot;** Diabetes mellitus; Epidemiology; The Netherlands; Amputation **31, 125**

**Foot orthosis;** Diabetic foot; Peak pressure; Contact area; Plantar ulcers **31, 115**

**Foot pressure;** Footwear; At risk foot **31, 109**

**Footwear;** Foot pressure; At risk foot **31, 109**

**Fructose;** Hexose phosphates; Vascular smooth muscle cells; Low density lipoproteins; Glycation **31, 1**

**Glucagon;** Epinephrine; Hypoglycemia; Glucose metabolism **31, 45**

**Glucose intolerance;** HbA<sub>1c</sub>; Incidence; Follow-up study **31, 71**



**Glucose metabolism;** Epinephrine; Hypoglycemia; Glucagon 31, 45

**Glycation;** Fructose; Hexose phosphates; Vascular smooth muscle cells; Low density lipoproteins 31, 1

**HbA<sub>1c</sub>;** Glucose intolerance; Incidence; Follow-up study 31, 71

**Helicobacter pylori;** Diabetes mellitus; Dyspepsia 31, 87

**Hexose phosphates;** Fructose; Vascular smooth muscle cells; Low density lipoproteins; Glycation 31, 1

**High fat diet;** Obesity; Insulin resistance; Hypercaloric diet 31, 27

**HLA, human leukocyte antigen;** IDDM, insulin-dependent diabetes mellitus; PCR, polymerase chain reaction 31, 9

**Hypercaloric diet;** Obesity; Insulin resistance; High fat diet 31, 27

**Hypoglycemia;** Epinephrine; Glucose metabolism; Glucagon 31, 45

**IDDM, insulin-dependent diabetes mellitus;** HLA, human leukocyte antigen; PCR, polymerase chain reaction 31, 9

**Immunohistochemistry;** Macrosomia; Mildly impaired glucose tolerance (MIGT); Islet-isotransplantation; Insulin 31, 57

**Incidence;** HbA<sub>1c</sub>; Glucose intolerance; Follow-up study 31, 71

**Insulin;** Macrosomia; Mildly impaired glucose tolerance (MIGT); Islet-isotransplantation; Immunohistochemistry 31, 57

**Insulin resistance;** Obesity; High fat diet; Hypercaloric diet 31, 27

**Ischaemic heart disease;** Long-term diabetes; NIDDM; South India; Retinopathy; Nephropathy; Neuropathy; Peripheral vascular disease 31, 133

**Islet-isotransplantation;** Macrosomia; Mildly impaired glucose tolerance (MIGT); Immunohistochemistry; Insulin 31, 57

**Long-term diabetes;** NIDDM; South India; Retinopathy; Nephropathy; Neuropathy; Ischaemic heart disease; Peripheral vascular disease 31, 133

**Low density lipoproteins;** Fructose; Hexose phosphates; Vascular smooth muscle cells; Glycation 31, 1

**Macrosomia;** Mildly impaired glucose tolerance (MIGT); Islet-isotransplantation; Immunohistochemistry; Insulin 31, 57

**Micral-Test;** Microalbuminuria 31, 93

**Microalbuminuria;** Micral-Test 31, 93

**Mildly impaired glucose tolerance (MIGT);** Macrosomia; Islet-isotransplantation; Immunohistochemistry; Insulin 31, 57

**Nephropathy;** Long-term diabetes; NIDDM; South India; Retinopathy; Neuropathy; Ischaemic heart disease; Peripheral vascular disease 31, 133

**Neuropathy;** Long-term diabetes; NIDDM; South India; Retinopathy; Nephropathy; Ischaemic heart disease; Peripheral vascular disease 31, 133

**NIDDM;** Long-term diabetes; South India; Retinopathy; Nephropathy; Neuropathy; Ischaemic heart disease; Peripheral vascular disease 31, 133

**Non-insulin-dependent diabetes mellitus;** Asymptomatic infarction; Brain magnetic resonance imaging 31, 81

**Non-insulin-dependent diabetes mellitus;** Diabetic nephropathy; Type IV collagen 31, 103

**Obesity;** Insulin resistance; High fat diet; Hypercaloric diet 31, 27

**PCR, polymerase chain reaction;** IDDM, insulin-dependent diabetes mellitus; HLA, human leukocyte antigen 31, 9

**Peak pressure;** Diabetic foot; Foot orthosis; Contact area; Plantar ulcers 31, 115

**Peripheral neuropathy;** QT<sub>c</sub> interval; R-R interval; Diabetes mellitus; Autonomic neuropathy 31, 63

**Peripheral vascular disease;** Long-term diabetes; NIDDM; South India; Retinopathy; Nephropathy; Neuropathy; Ischaemic heart disease 31, 133

**Plantar ulcers;** Diabetic foot; Foot orthosis; Peak pressure; Contact area 31, 115

**QT<sub>c</sub> interval;** R-R interval; Diabetes mellitus; Peripheral neuropathy; Autonomic neuropathy 31, 63

**Retinopathy;** Long-term diabetes; NIDDM; South India; Nephropathy; Neuropathy; Ischaemic heart disease; Peripheral vascular disease 31, 133

**R-R interval;** QT<sub>c</sub> interval; Diabetes mellitus; Peripheral neuropathy; Autonomic neuropathy 31, 63

**Sodium-lithium countertransport;** Essential hypertension; Diabetes mellitus 31, 37

**The Netherlands; Diabetes mellitus; Foot; Epidemiology; Amputation** 31, 125

**Type IV collagen;** Non-insulin-dependent diabetes mellitus; Diabetic nephropathy **31, 103**

**Vascular smooth muscle cells; Fructose; Hexose phosphates; Low density lipoproteins; Glycation** 31, 1